PIONEER®
The future of sound and vision.

Operating Instructions
Mode d'emploi
Bedienungsanleitung
Istruzioni per l'uso
Gebruiksaanwijzing
Bruksanvisning
Manual de instrucciones
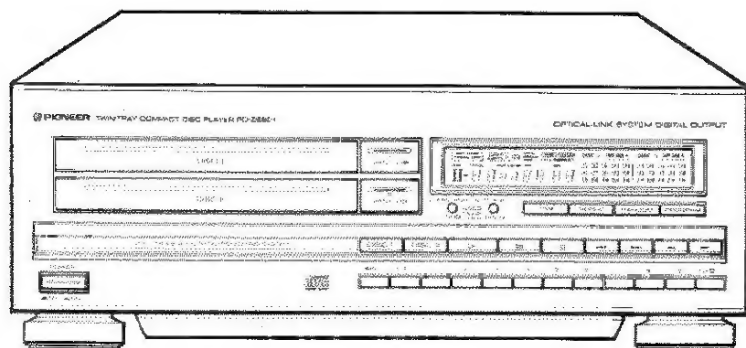*Manual de instruções*

PD-Z560T

TWIN-TRAY COMPACT DISC PLAYER
LECTEUR DE COMPACT DISC A DEUX TIROIRS DE CHARGEMENT
CD-SPIELER MIT ZWEI DISC-FÄCHERN
LETTORE PER COMPACT DISC A DOPPIA MECCANICA
CD-SPELER MET DUBBELE PLATELADE
TVÅ-FACKS CD-SPELARE
REPRODUCTOR DE DISCOS COMPACTOS DE DOS BANDEJAS
REPRODUTOR DE DISCOS COMPACTOS COM COMPARTIMENTO DUPLO

English

Français

Deutsch

Italiano

Nederlands

Svenska

Español

Português

COMPACT disc DIGITAL AUDIO

1

2

Illustration is not applicable to U.K. model.

3

8 cm 12 cm

4

8 cm 12 cm

5

NORM

B	5	4	3	*
A	1	2	3	

FINE

B	6	5	3	*
A	1	2	4	

FADE

B	5	4	3	*
A	1	2	3	

DISCO

B	5	4	3	*
A	1	2	3	

6

RELAY

TAPE I   DISC I   TAPE II

DISC II

PARALLEL

TAPE I   DISC I   TAPE I

DISC II

TAPE II

DISC I

DISC II   TAPE II

7

DISC I   ⊙ 1

DISC II   ⊙ 2

①

DISC I   ⊙ 3

②

DISC II   ⊙ 4
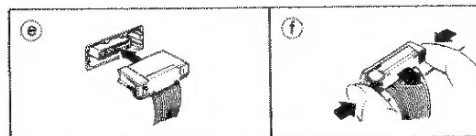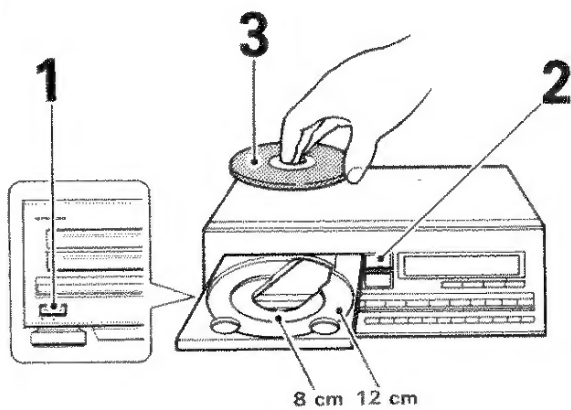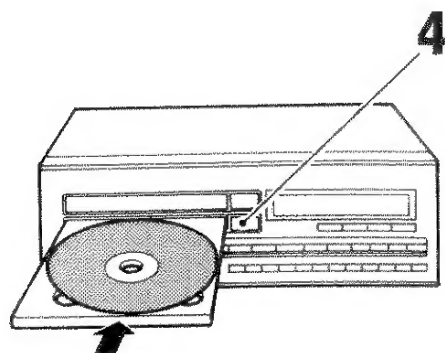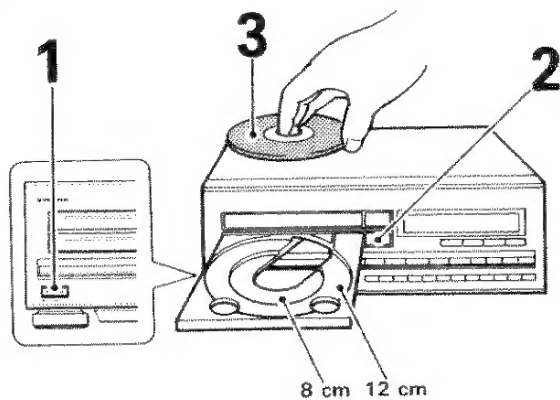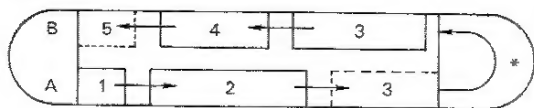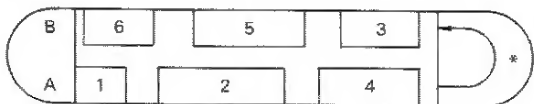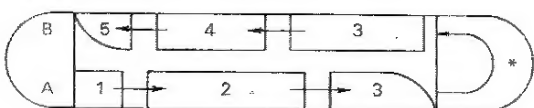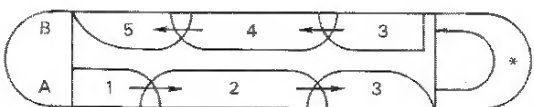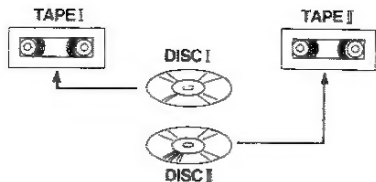
IMPORTANT

If the apparatus is fitted with AC mains power outlet(s), see REAR PANEL FACILITIES for convenient connection of additional Hi-Fi component(s). Make all connections to the AC outlet(s) and the signal terminals first. Connect the plug to the wall socket last, make sure that the power switch is off.

FOR USE IN THE UNITED KINGDOM

WARNING: This plug must only be connected to electronic apparatus equipped with suitable sockets. If not, cut off the plug and fit an appropriate type in accordance with the instructions below.
The cut-off plug must be disposed of as an electrical shock hazard could exist if connected to a socket outlet.

The wires in this mains lead are coloured in accordance with the following code:
Blue: Neutral
Brown: Live
As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured marking identifying the terminals in your plug proceed as follows:
The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.
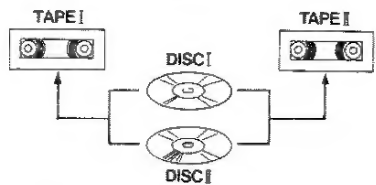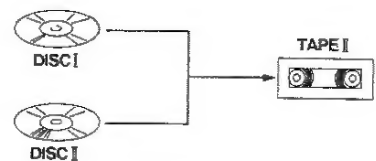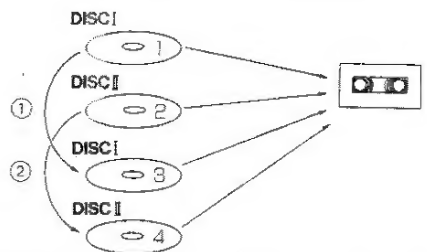

[FOR EUROPEAN AND U.K. MODELS]

CAUTION
This product contains a laser diode of higher class than 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product.
Refer all servicing to qualified personnel.

The following caution label appear on your player.

Location: rear of the player

CLASS 1
LASER PRODUCT

VRW-328

"This product complies with the Radio Interference requirements of the EC (European Community) Directive 87/308/EEC."

Thank you for buying this Pioneer product.
Please read through these operating instructions so you will know how to operate your unit properly. After you have finished reading the instructions, keep the manual in a safe place for future reference.
In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the drawings. However, the method of connecting and operating the unit is the same.

CONTENTS

FEATURES

MULTI-MODE A.S.E.S.
(Auto Synchro Editing System)
■ Using A.S.E.S. in combination with a Pioneer Stereo amplifier* and cassette deck* makes editing of compact discs onto cassette tape a very easy task.

Multitude of functions with two discs
■ Continuous playback
While playing a disc, the other disc can be inserted or ejected. Therefore, continuous playback is possible.

■ Playback of tracks from two discs
Tracks from both discs can be programmed for playback. Also, during random playback, tracks are played at random from both discs.

■ Auto Eject Play
A disc is ejected automatically when playback is completed and the other disc starts playback. If the ejected disc is replaced, continuous playback is possible.

Has convenient function ideal for tape dubbing, etc.
■ COMPU PGM EDIT (Computer Allocated Program Editing)
The selections to be recorded are automatically combined in the most appropriate sequence and edited to prevent wasted tape, according to the recording time of the cassette tape and the specified times of the A and B sides of the cassette tape being copied.

■ 24-Step Random Programming
You can program the player to play a selection of tracks in any desired order.

■ Pause Programming
You can put pauses (temporary stopping of playing) into your programs, which is convenient for electronic accompaniment (karaoke) and tape editing.

High fidelity playback with high-performance pickup.

Direct track selection
The desired tracks can be played by pressing their corresponding track number keys.

Other features
■ Repeat playing of single track, all tracks or programmed tracks.
■ Random Playback
Tracks from the inserted disc are played at random.

■ Compatible with 8cm CD
8cm CD can also be played.

■ Highly durable honeycomb-structure chassis for reduced resonance.

■ Multi-functional fluorescent display can be used to display the track number, elapsed time, the number of tracks on the disc, the total playback time of the disc, the total playback time of the program and the remaining time of the disc.

*Possible A.S.E.S. functions
Stereo amplifier: A-Z360, A-Z460 or A-Z560
Cassette deck: CT-Z360WR, CT-Z460WR or CT-Z560WR.

CAUTIONS REGARDING HANDLING

LOCATION
Install the player in a well ventilated location where it will not be exposed to high temperature or humidity.

Do not install the player in a location which is exposed to direct rays of the sun, or near to hot appliances or radiators. Excessive heat can adversely affect the cabinet and internal components. Installation of the player in a damp or dusty environment may result in malfunction or accident. (Also avoid installation near cookers etc., where the player may be exposed to smoke from oil, steam or heat.)

PRECAUTIONS REGARDING INSTALLATION
■ Placing and using the compact disc player for long periods on heat-generating sources such as amplifiers will affect performance. Avoid placing the player on heat-generating sources.

■ Install this compact disc player as far as possible from tuners and TV sets. A compact disc player installed in close proximity to such equipment may cause noise or degradation of the picture. Such noise may be particularly noticeable when an indoor antenna is used. In such a case, make use of an outdoor antenna, or turn off power to the compact disc player.
■ Please place this unit on a level surface.

CONDENSATION
When the player is brought into a warm room from previously cold conditions or when the room temperature is suddenly increased, condensation may form inside and the player may not be able to attain its full performance. In cases like this, allow the unit to stand for about an hour or raise the room temperature gradually.

5

CARE OF DISCS

■ With this player, use discs which display the mark shown below. (Optical audio digital discs.)

**COMPACT
disc
DIGITAL AUDIO**

■ When holding discs, do not touch their signal surfaces. Hold the edges, or one edge and the center hole.

■ Do not affix labels or adhesive tape to the label surfaces. Also, do not scratch or damage the label.

■ Discs rotate at high speed inside the player. Do not use damaged (cracked or warped) discs.

CLEANING DISCS

■ The presence of fingerprints or smudges on the surface of the disc will not directly affect the recorded signals; but depending on the degree of contamination, the brightness of the light reflected from the signal surfaces may be reduced, causing degradation of sound quality.
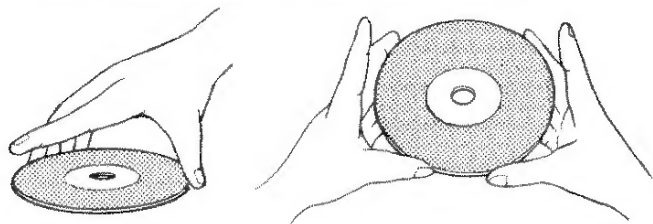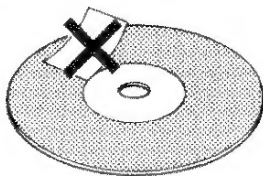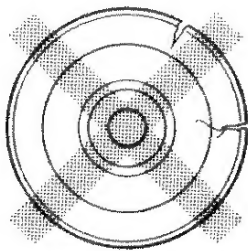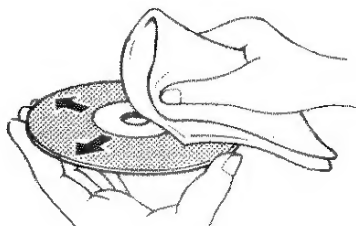Always keep your discs clean by wiping them gently with a soft cloth from the inner edge toward the outer perimeter.

■ If a disc becomes very dirty, wet a soft cloth in water. After wringing it out well, wipe the dirt away gently, and then remove any water drops with another soft dry cloth.
■ Do not use record cleaning sprays of anti-static agents on discs. Also, never clean discs with benzene, thinner, or other volatile solvents which may cause damage to the disc surface.

Record cleaning sprays   Thinner   Benzene
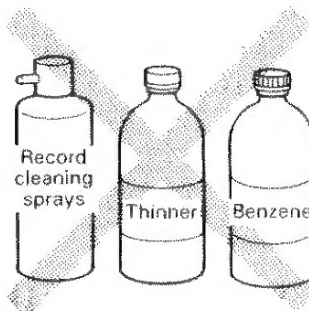
STORING DISCS

■ Discs are made of the same kinds of plastic used for conventional analog audio records. Be careful not to allow discs to warp; always store discs in their cases vertically, avoiding locations with high heat or humidity, or extremely low temperatures. Avoid leaving discs in cars and on the seats being exposed to direct sunlight since this can be harmful.
■ Always read and abide by the precautionary notes listed on the disc labels.
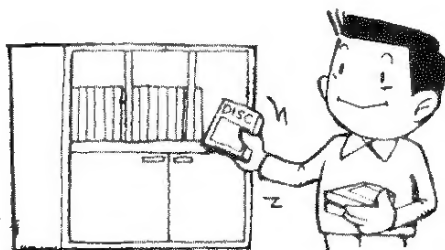
CLEANING THE PLAYER

To clean the front panel and unit housing, wipe with a soft, dry cloth. For stubborn dirt, wet a soft cloth with a mild detergent solution, wring well, then wipe off the dirt. Also use a dry cloth to wipe the surface dry. Do not use volatile liquids such as benzene or thinner which are harmful to the unit.

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

BEFORE OPERATING PLAYER

CONFIRM SUPPLIED ACCESSORIES

● Refer to figure ① on page 2.

Optical fiber cable × 1

Handling precautions for the optical fiber cable

● Do not bend the cable at sharp angles. Doing so may damage the cable. When installing in a rack, take special care. When storing the cable for storage, coil with 6 in (15 cm) diameter or larger.
● When connecting, insert the plug fully. Avoid an incomplete connection.
● Avoid the optical fiber cable plug being scratched or exposed to dust. If there is dust, wipe off with a soft cloth.
● When an optical fiber cable is not connected, place the dust cap on the optical terminal (OPTICAL).

REMOVING THE TRANSPORTATION SPACER

The transportation spacer is located in the DISC II. Remove the spacer before starting operations.
Refer to the section "Operation Procedures before Playback" (page 10) for details on opening DISC II.

After removing the spacer, attach a piece of tape to it and store it in the case so it can be used when the unit is transported again.
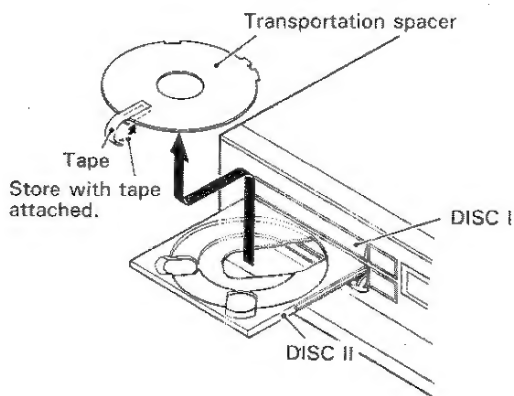
RE-INSTALL THE TRANSPORTATION SPACER WHEN THE UNIT IS TRANSPORTED AGAIN.

Use the spacer that was stored and insert it in to DISC II.
① Insert the raised sections in the corresponding holes.
② Seal the front side with tape.
③ Press OPEN/CLOSE II key ③ and close the disc tray.
④ Make sure the indicated disc number goes off and turn off the power.

NOTE:
Always remove the discs when moving the player.
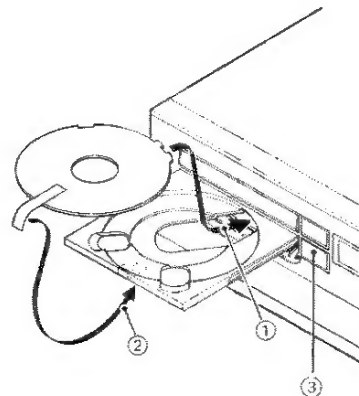
CONNECTIONS

● Refer to figure ② on page 2.

ⓐ Optical fiber cable
ⓑ Flat cable
ⓒ Connect the power supply plug to the AC OUTLETS of the A-Z360, A-Z460 or A-Z560.
ⓓ When connecting the optical fiber cable:
Remove the OPTICAL CAPS of the amplifier and the CD player, and connect the optical fiber cable.
ⓔ When connecting the flat cable:
Connect the flat cable to the blue terminal of the amplifier.
Never connect or disconnect the cable when the power is turned on.

When connecting the cable, insert the plug straight into the terminal while pressing the right and left tabs till they lock.
ⓕ When disconnecting the cable, hold both sides of the plug and gently pull it out.

7

NAMES AND PARTS USES

FRONT PANEL

● The numbers enclosed in parentheses refer to the page number that contains the corresponding description.

① POWER ② DISC (I, II)
③ OPEN/CLOSE (I, II) (➡10)
④ COMPU PGM (➡16)
⑤ AUTO EJECT (➡13, 17)
⑥ TIME
⑦ REPEAT (➡12)
⑧ RANDOM (➡12)
⑨ PROGRAM (➡13)
⑩

⑪ DISC I, DISC II (➡11)
⑫ ▷ (➡10)
⑬ ‖‖ (➡10)
□ (➡10)
⑭
⑮ ⏮, ⏭ (➡11)
⑯ ◀◀, ▶▶ (➡11)
⑰ (➡11)

---
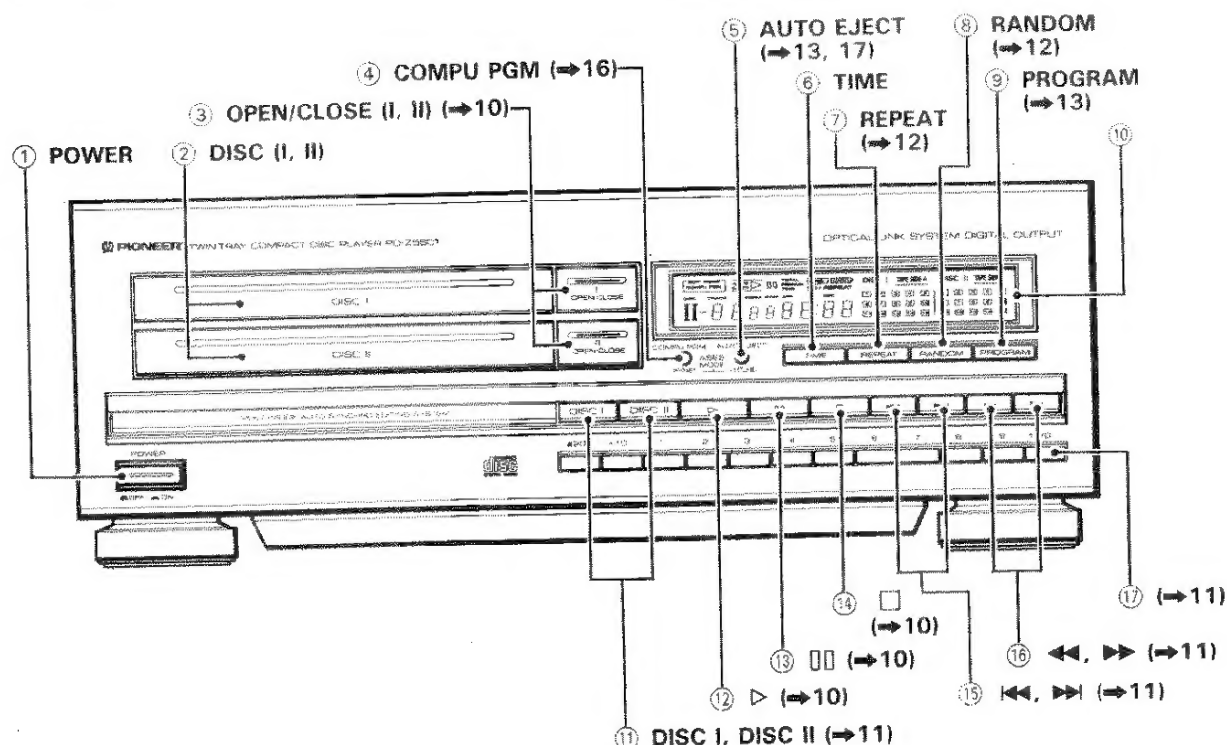
① POWER switch

Press to turn power to the unit ON and OFF.

② DISC (I, II)

These are where the discs are set. When power is switched ON and OPEN/CLOSE key ③ is pressed, the tray is ejected forward.
To insert the tray, press OPEN/CLOSE key ③, or lightly push the tray in with your finger.

③ OPEN/CLOSE keys (I, II)

Press when you wish to eject or load a disc. Each time the key is pressed, the tray is alternately pushed out or pulled in.

④ COMPU PGM key

This key is used for COMPU PGM editing.

⑤ AUTO EJECT key

Press to perform auto eject playback.
When a disc is finished playing, the disc's disc tray will automatically eject. The other disc tray will close and playback will start. By replacing discs, continuous playback can be maintained.

⑥ TIME key

This key selects the display mode of the indicator panel. Each time the key is pressed, the indication changes from TIME, REMAIN, to TOTAL in that order. (For details concerning the display contents, refer to the explanation about the indicators.)

⑦ REPEAT key

Press this key for repeat playback. Pressing the key once, twice, or three times will change the repeat mode from single track repeat, all tracks repeat, and repeat playback cancellation.

⑧ RANDOM key

Press to begin random playback.

⑨ PROGRAM key

Use to program a sequence of tracks.
● Press this key to set the unit to program mode. Then specify the desired DISC and TRACK.
The DISC and TRACK will be programmed as they are entered in this way.

⑩ Indicators

COMPU PGM	: Displays when COMPU PGM editing is set or used.
AUTO EJECT	: Lights during auto eject playback.
▷	: Lights during playback.
‖‖	: Lights during temporarily interrupted playback.
TIME/REMAIN/TOTAL	: Changes each time TIME key ⑥ is pressed.
● TIME	: Displays the track number of the track being played (TRACK) and the elapsed time (minutes and seconds).

● REMAIN   : Displays the remaining time on the track being played.
              When the TIME key ⑥ is pressed again, the remaining time on the disc being played will be displayed.

● TOTAL   : Displays the total number of tracks on the disc (TRACK) and the overall playback time (minutes and seconds) of disc I.
              When TIME key ⑥ is pressed again, the total number of tracks on the disc (TRACK) and the overall playback time of disc II will be displayed.
              During playback, the display goes on for about 5 seconds before changing to the TIME display.

RND   : Lights during random playback.
PGM   : Lights during program mode.
(1)▶REPEAT   : Lights during repeat playback of one track.
REPEAT   : Lights during repeat play.

DISC I/TAPE SIDE A (Music calendar)
             : Only the numbers of the tracks recorded on DISC I will light. When inputting a program and when playing, only the programmed track numbers will light.
              The track numbers will go out one by one as the tracks are played.
              After editing, the track numbers that can be recorded on the A side of the tape will light.

DISC II/TAPE SIDE B (Music calendar)
             : Only the numbers of the tracks recorded on DISC II will light. When inputting a program and when playing, only the programmed track numbers will light.
              The track numbers will go out one by one as the tracks are played.
              After editing, the track numbers that can be recorded on the B side of the tape will light.

DISC   : Displays the disc number (I or II) of the disc to be played.

TRACK   : Displays the current track number (during normal playback and programmed playback) or the track being programmed during the programming operation.

INDEX   : Displays the index number of the music section of a track or the track division.

STEP   : Displays the program steps.

MIN (minute) : Displays the minutes of the elapsed time, total playback time, and remaninig time.

SEC (second) : Displays the seconds of the elapsed time.

⑪ DISC select keys (DISC I, DISC II)

DISC I   : Use to select DISC I for playback or programming.
DISC II : Use to select DISC II for playback or programming.

⑫ Play key (▷)

Press to begin playback, and to cancel the pause mode.

⑬ Pause key (❚❚)

Press to temporarily interrupt playback. When pressed again, the pause mode is cancelled and playback resumes.

⑭ Stop/clear key (□)

Press to stop playback. When pressed, the player goes into stop mode and all operations stop.
Press to clear a program. When pressed during stop mode, the program stored in memory is cleared.

⑮ Track search keys (◄◄, ►►|)

During normal playback, programmed playback or pause modes, these keys are pressed to search for the desired track. Pressing either key causes the player to advance to the next track or to return to the previous track. When the player is stopped at PROGRAM mode, the performance time of each track is displayd by pressing [◄◄, ►►|] keys.

⑯ Manual search keys (◄◄, ►►)

When the player is in playback or pause modes, these keys are pressed to perform fast forward or reverse operations to allow manual searching. These operations are only carried out during the time either key is pressed.

⑰ Track number keys
(1 to 10/0, +10 and ≧20)

● These keys are used to specify the track numbers (tracks 1 to 99) for direct track selection or program entry.
● During COMPU PGM editing, the keys are used to specify the time period (in minutes).
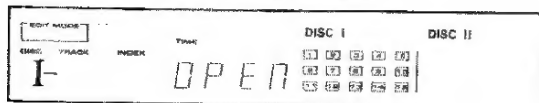
9

OPERATION

OPERATION PROCEDURES BEFORE PLAYBACK (Inserting a disc)

● All names of controls, indicators and front panel are accompanied by a number in a circle.
● Refer to figures ③ and ④ on page 2.

1. Press POWER switch ① to turn ON power.
2. Press OPEN/CLOSE I key ③.

The disc tray will be ejected forward.
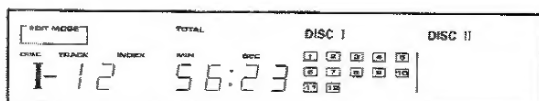
3. Place a disc on the tray of DISC I ②.

Insert the disc on the tray while following the respective disc guide (8cm or 12cm disc guide), as shown in the figure.

NOTE:
● *When setting an 8cm CD, do not use the 8cm CD adapter.*
● *Make sure to place the disc on the tray with the label side upward.*
● *Hold the disc so that you do not touch the playing side (the iridescent side) with your hands or fingers.*
● *If both 8cm and 12cm discs are inserted and played simultaneously, the disc may be scratched or malfunction may result. Insert only one disc at a time.*

4. Press OPEN/CLOSE I key ③, or gently push the tray of DISC I ② in with your fingers.

After insertion of the disc tray, the total number of tracks on the disc and the total playback time will be displayed for 5 seconds.

5. In the same way, press OPEN/CLOSE II key ③ and insert a disc on the tray of DISC II ②. Then push the tray back in.

OPERATIONS FOR NORMAL PLAYBACK (▷)

Playback of all tracks of two discs, from the first track of disc I to the last track of disc II.

1. Carry out "OPERATION PROCEDURES BEFORE PLAYBACK".
2. Press [▷] key ⑫.

The [▷] indicator will light and playback will begin from disc I.

Shows the elapsed time of current playback and the track number.
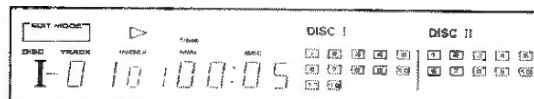
3. Adjust sound volume and tone with the stereo amplifier controls.

When the last track of disc II finishes playing, the player enters stop mode. All operations stop and the player stops at the position of the first track of disc I and displays "01".

NOTE:
● *When there is no disc inserted and [▷] key ⑫ is pressed, "disc" will appear in the indicator for about 3 seconds.*

Operation example

● To start playback:

[POWER] → [OPEN/CLOSE I] → Set disc →
[OPEN/CLOSE II] → Set disc → [▷]

● After playback is completed:

[OPEN/CLOSE I] → Remove disc →
[OPEN/CLOSE II] → Remove disc →
[OPEN/CLOSE II] → [POWER]

TO STOP PLAYBACK (□)

1. Press [□] key ⑭.

When stopped in the normal playback mode, the first track number is displayed on the indicator; when stopped during programmed playback, the first track number of the program is displayed.
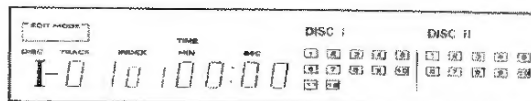
PAUSE OPERATION (❙❙)

1. With the player in the playback mode, press [❙❙] key ⑬.

The [❙❙] indicator will light, and the player will pause immediately.

2. To resume playback, press [❙❙] key ⑬ again, or [▷] key ⑫.

Operation example
● To temporarily stop playback:

[ⅠⅠ]

● To resume playback:

[ⅠⅠ]   or   [▷]

TO SELECT A DESIRED DISC (DISC I, DISC II) (DISC SELECT OPERATION)

During playback or stop mode, select a disc number with DISC select keys ⑪ to begin playback.

NOTE:
* *During playback mode, the player will begin playback by just pressing DISC select key ⑪.*
* *When Disc number selected playback, starts from the first track.*
* *Performing a disc select operation during random playback causes random playback to be cancelled.*
* *Playback from a disc select operation is not possible when a program is being input in stop mode.*

Operation example
● During stop mode, to playback the the second disc:

Disc select   [DISC II]

TO SELECT A DESIRED TRACK (1 ~ 10/0, +10, ≧20) (DIRECT TRACK SELECT OPERATION)

Playback starts from the selected disc number and track number, and continues to the last track.

While in stop mode or during normal playback, select a track with [1 ~ 10/0, +10, ≧20] keys ⑰.

Tracks 1 to 10 can be specified directly with the 1 to 10/0 number keys.

● When specifying track 11 and beyond, press the +10 key, and then press one of the 1 to 10/0 keys to specify the second digit. Each time the +10 key is pressed, the number will increase by a factor of 10. (For 0, use the 10/0 key.)

● To specify track 20 and beyond, press the ≧20 key and one of the 1 to 10/0 keys for the first digit (for 10, 20, 30, etc.) and for the second digit. (For 0, use the 10/0 key.) When specifying a track with the 1 to 10/0 keys during playback, the selected track will be searched for immediately. However, the track number must be selected within 5 seconds after the +10 key and ≧20 key is pressed. Otherwise, it will be cancelled.

NOTE:
* *Track numbers not on the disc cannot be specified.*
* *When the disc tray is open, etc., and if a track number not contained in the disc is specified, playback will start from track 1.*
* *Direct track select operation cannot be done during program mode.*
* *Performing this operation during random playback causes random playback to be cancelled.*
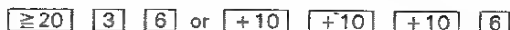

Operation example
● To play track 3.

[3]

● To play track 20.

[+10]   [+10]   [10/0]   or   [≧20]   [2]   [10/0]

● To play track 36.

[≧20]   [3]   [6]   or   [+10]   [+10]   [+10]   [6]

TO LOOK FOR A DESIRED TRACK (|◀◀, ▶▶|) (TRACK SEARCH OPERATIONS)

During normal or programmed playback, or during the pause mode, these functions allow you to quickly find the beginning of a desired track. Also, any number of tracks can be skipped during the search process.

● When [▶▶|] key ⑮ is pressed once, playback advances to the beginning of the next track. When pressed continuously, playback advances to the beginning of succeeding tracks.

● When [|◀◀] key ⑮ is pressed once, playback returns to the beginning of the currently playing track. When pressed continuously, playback shifts to previous tracks on the disc.
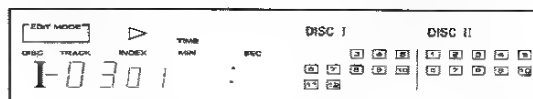
NOTE:
Pressing [|◀◀] key ⑮ while in the first track (or the first step) will have no effect. Also, pressing [▶▶|] key ⑮ while in the final track (or final step) will have no effect.

FAST FORWARD AND REVERSE (◀◀, ▶▶) (MANUAL SEARCH OPERATIONS)

During playback or pause modes, this function allows you to quickly advance or reverse through the disc to find a desired part. Listen to the sound from your speakers connected to your amplifier while performing the search (during playback mode only). When the key is released the player returns to its original mode (playback or pause). During pause, high-speed search is possible. However, no sound will be output.

● When [▶▶] key ⑯ is pressed, the player will advance quickly through the disc. If the end of the disc is reached, the player will enter the pause mode. (The indicator will display "End.") The pause mode can be cancelled by pressing [◀◀] key ⑯.

● When [◀◀] key ⑯ is pressed, the player will reverse quickly through the disc.

NOTE:
During programmed playback, you can only do forward and reverse searches within the song currently being played; the player enters the pause (or playback) mode immediately before moving to the next (or previous) track. Play can be restarted by pressing [▷] ⑫, [ⅠⅠ] ⑬ or [◀◀] key ⑯.

OPERATIONS FOR REPEAT PLAYBACK

Single track repeat mode:

The currently-playing track will repeat. (Single track repeat)

All tracks repeat mode:

- During normal playback, all the tracks on the all discs will be played back repeatedly (all track repeat of two discs).
- During programmed playback, the tracks programmed will be played back repeatedly in the order programmed (programmed repeat).
- In the case of random play mode, after all the tracks have been played, random play will start again (random repeat).

1. **With the player in the playback or stop mode, press REPEAT key ⑦.**

   When pressed once, it will enter the single track repeat mode. The [(1)▶REPEAT] indicator will light. If the key is pressed again, all the tracks on the all discs will be repeated. The [REPEAT] indicator will light.

2. **After the single track or all the tracks are played, repeat playback will begin.**

   Playback will be repeated until repeat playback is cancelled.

Single track repeat:
[REPEAT] → [▷] or [▷] → [REPEAT]

All tracks repeat:
[REPEAT] → [REPEAT] → [▷] or
[▷] → [REPEAT] → [REPEAT]

To cancel the repeat mode:

- Press REPEAT key ⑦ until the [REPEAT] indicator goes off. The player will revert to the normal (programmed or random) playback mode.
- Press [□] key ⑭. Playback will stop and the repeat mode will be cancelled simultaneously.

[REPEAT] or [□]

RANDOM PLAYBACK

- Each track of the discs set will be played at random. After all the tracks have been played, the player will go in stop mode.
- During random playback, replace the disc not being played and push in the disc tray. This will allow continuous random playback.

[RANDOM]

---

1. **Press RANDOM key ⑧.**

   Random playback will begin.

The [RND] (random) indicator will light.

I-0 2 0 0 I 1:18

2. **Pressing RANDOM key ⑧ once more will have the player select a track at random for playback.**

To cancel random playback operation

- Press [□] key ⑭. Playback will stop and random playback operation will be cancelled simultaneously.

[□]

NOTE:

- *Performing direct track select or disc select operation causes random playback to be cancelled.*
- *A program cannot be set for random playback and random repeat playback.*

REPLACEMENT OF THE DISC JUST PLAYED TO MAINTAIN CONTINUOUS PLAYBACK

Relay playback (REPEAT)

1. **Press [▷] key ⑫.**

   Playback will start with disc I.

2. **Press REPEAT key ⑦ twice.**

   The player will enter the all track repeat mode and the [REPEAT] indicator will light.

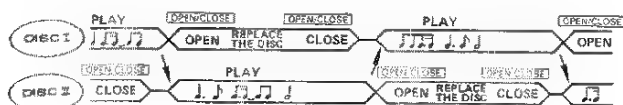I-0 10 10 1:23

After playback of disc I ends, playback of disc II will begin.

3. **Press OPEN/CLOSE I key ③.**

   Replace the disc.

4. **Push the tray of DISC I ② into the player.**

5. **For continuous playback, keep replacing the disc that has finished playing.**

Operation example

[▷] → [REPEAT] → [REPEAT] → End of disc I playback →
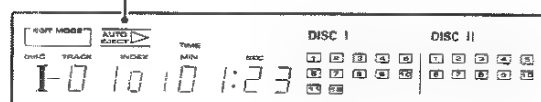[OPEN/CLOSE I] → Replace disc → [OPEN/CLOSE I]

Auto eject play (AUTO EJECT)

1. Press [▷] key ⑫.

Playback will begin with disc I.

2. Press AUTO EJECT key ⑤.

The [AUTO EJECT] indicator will light.

When playback of disc I ends, playback of disc II will begin. Disc I disc tray will then open automatically.

3. Replace the disc in the tray of DISC I ②.

When playback of disc II ends, playback of disc I will begin automatically.
Disc II disc tray will then open automatically.

4. Replace the disc in the tray of DISC II ②.

5. For continuous playback, keep replacing the disc that has finished playing.
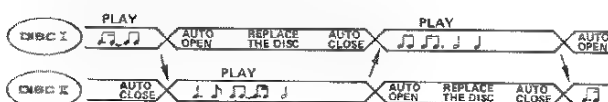
● If AUTO-EJECT key ⑤ is pressed during program playback or random playback, the tray containing the disc which was playing opens automatically. Any number of discs can be played back continuously in a random order if the discs are exchanged. Continuous programmed playback is possible for any number of discs, by replacing the discs and adding a program.

● If the playback of one disc ends, that disc is ejected and can be removed from the tray. When the playback of the other disc ends and the tray that is open (where a disc is not set) is closed, the auto eject play is canceled and the unit stops.

TO PLAYBACK TRACKS IN A DESIRED ORDER (PROGRAMMED PLAYBACK)

■ With this function, you can play back the tracks on the discs in any desired order.

■ You can select disc number I or II and track numbers from 1 to the maximum number of recorded selections on the disc, and program a playback sequence consisting of up to 24 steps.

Program entry

● Program entry is possible during stop mode, playback, and programmed playback.

1. Press PROGRAM key ⑨ during stop mode, or normal playback.

The player will enter the program mode. Pressing PROGRAM key ⑨ again will cancel the program mode.

2. Select the disc number with the DISC select keys ⑪ and the tracks with [1 ~ 10/0, +10, ≧20] keys ⑰.

3. For playback instructions, "Playback operation."

● If tracks are entered during programmed playback, they will be added to the currently-playing program.

● If the memory contains a previous program, the programmed tracks will be newly added to the previous program. To enter a completely new program, clear the previous program first.
See page 14, "Program memory and program clear."

Each time you program a track, the program step, programmed disc and track numbers, and the total time are displayed on the indicator.
If you program a track during playback, the display appears for about 5 seconds.

The [PGM] indicator lights.

The program step is displayed.

Operation example

This program will play track 5 on disc I, track 3 on disc II and track 8 on disc I in sequence.

● Program entry (during stop mode)

Step	Key operations	Indicator display
(Program mode)	PROGRAM	
01	DISC I	
	5	
02	DISC II	
	3	

03	DISC I	(display)
	8	(display)

● During stop mode, a pause can be programmed instead of a track number. If [⬛⬛] key ⑬ is pressed, "PA" will be displayed instead of a track number. In this case, the pause indicator will not light.

Example 1

When recording on both sides of a cassette tape, enter a pause after the last track that can be recorded on the first side. This will allow a pause for changing the cassette side. Recording can then resume on the second side.

Example 2

During a tape recording, a pause programmed between tracks will produce a silent recording. A narration, etc., can then be inserted before recording the next track.

NOTE:
* *A pause cannot be programmed as the first program step (01). Two consecutive pauses also cannot be programmed.*
* *A pause can be programmed for the last program step, however, it will not be effective.*
* *A pause is counted as a program step.*

■ When the disc tray is open:

Programs can be entered to memory. Although the programming procedure is the same as described above, the indicator displays programmed information step-by-step. When the disc tray is closed with a disc loaded, any programmed tracks not on the disc will be deleted automatically from the program.

Playback operation

● Playback is possible during program mode.

1. Press [▷] key ⑫ to start playback.

When programmed during normal playback, the player will automatically enter the program mode after the currently playing track ends.
● If a pause has been programmed, the pause will take effect at the beginning of the track following the pause program step. To restart programmed playback, press either [▷] key ⑫ or [⬛⬛] key ⑬.

2. End of playback.

When the last program step is finished playing, track number will be displayed at the first program step and the player will enter the stop mode.

Operation example

● To start playback:

▷

Program memory and program clear

● During programmed playback, pressing PROGRAM key ⑨ again will turn off the [PGM] indicator and the programmed playback will be cancelled. However, normal playback will continue. In this case, the program remains in memory. (Program memory)
● To recall a stored program, press PROGRAM key ⑨ again. The player will enter the program input mode and the stored program will be entered.
● Pressing OPEN/CLOSE keys ③ will stop playback. (The stored program of the disc comes out will also be cleared.)
● Pressing [◻] key ⑭ will stop playback. In this case, the stored program will not be cleared. While in stop mode, pressing [◻] key ⑭ again will clear the program.

Operation example

● To stop programmed playback:
PROGRAM (Program memory)

● To stop playback and clear the program:
OPEN/CLOSE

● To clear the program:
◻ → ◻
(Stop   (Program clear)
playback)
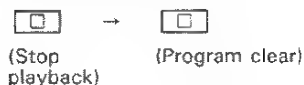
COPYING A COMPACT DISC ONTO A TAPE

MULTI-MODE A.S.E.S.
(Auto Synchro Editing System)

- This function only operates when a stereo amplifier (A-Z360, A-Z460 or A-Z560) and a cassette deck (CT-Z360WR, CT-Z460WR or CT-Z560WR) are combined.
- Refer to figure ⑤ on page 3.

A, B: Indicates the side of the tape.
1—5: Indicates the number of the track.
* : Indicates the leader part of the tape.

- The twin-tray compact disc player searches for the peak level of the disc, the double cassette deck automatically sets the recording level (it is not necessary to operates the recording level adjustment knob).
- Three types of recording functions can be selected: Normal/Fine Editing, Fade Editing, Disco Editing. In order to make recording as near to the end of the tape as possible, with the Fine Editing function the CD player automatically programs the playback order of the tracks.
- Three types of recording functions can be selected with the cassette deck: Relay recording, Parallel recording and recording with DECK II only.
- In order to make full use of the twin-tray compact disc player's features, CD continuous playback (Auto Eject Play) can be used.

Normal editing (NORM):

The tracks on the compact disc are played in order. In order to prevent a track from being interrupted in the middle due to the end of the tape being reached any tracks that cannot be recorded at the end of the A side will be cut out and instead be recorded as the first tracks on the B side of the tape.

Fine editing (FINE):

In order to make the unrecorded tape end as short as possible, the CD player automatically programs the tracks.

Fade editing (FADE):

The sound is automatically faded out at the end of the tape. A track that has been faded out on the A side of the tape is re-recorded as the first track on the B side of the tape.

Disco editing (DISCO):

- This function is used to cross-fade the tracks and record them (during recording, a track which is about to end is faded out and the following track is faded in).
- At the end of the tape the last track is faded out in the same way as when using the Fade Editing function.

NOTE:
The Normal/Fine Editing and Fade Editing functions automatically create an unrecorded pause of about 5 seconds between the tracks.

METHODS OF RECORDING ON THE DECK AND EDITING MODES

- Refer to figure ⑥ on page 3.

Relay A.S.E.S. (RELAY):
(CT-Z460WR, CT-Z560WR only)

Normal Editing, Fade Editing and Disco Editing are possible.
- DECK I first edits and records the disc on tray I, and when that has been completed, DECK II edits and records the disc on tray II.

NOTE:
Programmed playback with Relay A.S.E.S. is not possible.

Parallel A.S.E.S. (PARALLEL):
(CT-Z460WR, CT-Z560WR only)

Normal Editing, Fine Editing, Fade Editing and Disco Editing are possible.
- DECK I and DECK II edit and record the discs on tray I or tray II respectively at the same time.

DECK II (A.S.E.S.) (TAPE II):

Normal Editing, Fine Editing, Fade Editing and Disco Editing are possible.
- The discs on tray I and tray II are edited and recorded on DECK II.

> Repeat A.S.E.S.

Depress REPEAT key ⑦ on the CD player twice, set the unit to repeat all tracks and use A.S.E.S. to record the tracks without leaving any empty space on the tape. This can be done when the modes are Normal, Fading or Disco, using a maximum of 2 discs, and when the recording mode of the deck is parallel A.S.E.S. or DECK II A.S.E.S.

NORMAL EDITING, FADE EDITING AND DISCO EDITING

- Please read the operating instructions of CT-Z360WR, CT-460WR or CT-Z560WR, too.

> *Precaution:*
> *Operate with A.S.E.S. on DECK I and with DECK II in the stop mode.*

1. **Load a disc in the CD player.**
   When using 2 discs with the A.S.E.S., put one disc in disc tray I and the other in disc tray II.
   When you want to copy in a desired order, program the order. However, when you select relay A.S.E.S., programming is not possible.

2. **Insert a tape for recording in the deck.**
   As the recording is started in the forward (▷) direction, confirm that the tape is inserted properly.
   When selecting relay A.S.E.S. or parallel A.S.E.S., insert one tape in DECK I and one in DECK II. (Except CT-Z360WR)

3. **Select REV MODE switch and DOLBY NR switch on the cassette deck.**
   ⊐⊏ : When recording on one side of the tape only.
   ⊃ or ⊂⊃ : When recording on both sides of the tape.

4. **Create the sound quality of your liking with the graphic equalizer.**
   If you call up the special features of the equalizer with CAR STEREO key or HEADPHONE STEREO key, you can produce tapes with a sound quality that is suited to each of the units. By using the Memory Call key to call up the features preset in the equalizer's memory or the equalizer features that you yourself have memorized, you can adjust the sound quality.

5. **Select ASES MODE key on the cassette deck.**
   Turn on one of the RELAY, PARALLEL or TAPE II indicators. Note that, when using fine A.S.E.S., the relay mode cannot be selected. (Except CT-Z360WR)

15

< PRE1103 >

(Example)
When selecting PARALLEL.

```
ASES MODE ▶ [     PARALLEL     ]
  DECK I                          DECK II
 ◁REC ▷  □ □·□ □  ◁REC▷
 L -∞   -20  -10   -4   -2   0  +3dB  +6dB
```
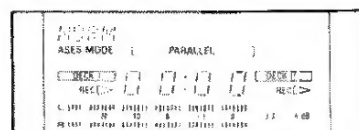
Press one of A.S.E.S. keys (NORM (FINE), FADE, DISCO) on the cassette deck.

Start the A.S.E.S. function.
(1) The CD player searches for the peak level (by referring to the signal level) in order to adjust the recording level.
(2) The recording is started when the peak search operation is completed.
(3) The CD player starts playback after approximately 10 seconds.

```
ASES MODE [     PARALLEL     ]
  DECK I                          DECK II
 REC ◁  □ □·□ □  REC ▷
 L -∞   -20  -10   -4   -2   0  +3dB  +6dB
```

(Example)
When selecting NORM.

hen operating the CD player's computer program (COMPU PGM),
e "NORM (FINE)" A.S.E.S. keys become "FINE" (Fine Editing).
hen the CD player is not operated, NORM (FINE) keys become
ORM" (Normal Editing).

- A.S.E.S. cannot be used when using cassettes whose erasure prevention tabs have been removed.
- When activating A.S.E.S. close to the end of the tape, it may happen that the operation is stopped. Please activate A.S.E.S. at the beginning of the tape.
- When operating A.S.E.S. and the play skips to the next track at the very end of the tape, or when the CD playback stops and the operation is cut off, it may happen that proper operation cannot be achieved. In such a case, please record the remaining tracks manually.
- Note that, when using the Normal Editing mode and erasing a track which is cut off at the end of the tape, MS (Music Search) is activated and searches backward for the unrecorded segment between the tracks.
- When using the A.S.E.S. parallel mode, please insert tapes of identical length in DECK I and DECK II. If one tape is shorter than the other, A.S.E.S. adjusts its operation to the shorter tape; the unrecorded portion of the longer tape will thus become longer.
- During A.S.E.S. operation the deck's counter does not show the time indication.
- When Disco editing a track that is shorter than one minute, it may happen that the Cross Fade function will not work.

To stop A.S.E.S. operation:
- Press the deck's [□] button or the CD player's [□] key ⑭.
- During A.S.E.S. operation, only [□] key ⑭ of the CD player can be operated.
- During A.S.E.S. operation, the peak level of the disc is searched for with a speed that is 60 times higher than that of normal playback, it may rarely happen that the optimum level is not set. In such a case, please make the recording manually.

NOTE:
If an error message (Err) appears in the display section of the deck, it means that the conditions necessary for A.S.E.S. operation have not been fulfilled. Please confirm the order of operation once again.

AUTOMATIC PROGRAMMING OF THE CD ACCORDING TO THE LENGTH OF THE TAPE (Fine Editing)
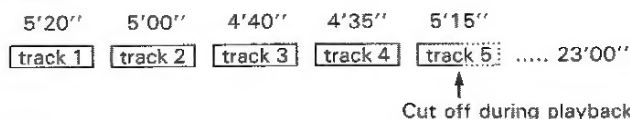
If you specify the length of the tape (time) you are using, you can let the CD player automatically program the playback order and perform the A.S.E.S. operation for optimum use of the tape when recording.

You can then copy from compact discs without having the track at the tape end cut off, and without having long portions of the tape end unrecorded.
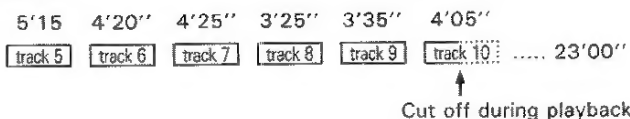
For example, if you wish to copy a disc that is 44 minutes and 40 seconds and which contains 10 tracks onto a C-46 tape (23 minutes on each side);

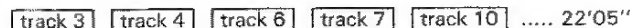**Using the normal copying mode:**

Side A

5'20"	5'00"	4'40"	4'35"	5'15"	
track 1	track 2	track 3	track 4	track 5	..... 23'00"

↑
Cut off during playback

Side B

5'15	4'20"	4'25"	3'25"	3'35"	4'05"	
track 5	track 6	track 7	track 8	track 9	track 10	..... 23'00"

↑
Cut off during playback

Using the fine editing mode:

Side A

track 1	track 2	track 5	track 8	track 9	..... 22'35"

Side B

track 3	track 4	track 6	track 7	track 10	..... 22'05"

1. **Load a disc in disc tray I or disc tray II of the CD player.**
   The fine editing funciton (COMPU PGM editing) can be used for 1 disc only.

2. **Insert a tape for recording in the cassette deck.**
3. **Select REV MODE switch and DOLBY NR switch.**
   Set the reverse mode ⊃ or the ⊂⊃ mode (recording on both sides).

NOTE:
• When the CD player has already been programmed, the Fine Editing function does not work. Stop the CD player and operate it from its unprogrammed state.
• During Fine Editing it may happen that the order of the tracks does not come out the same as the order on the disc. This is due to the programming being performed in order to make the fullest possible use of the length of the tape. However, when programmed for the A side (or the B side) of the tape, the tracks are recorded in the programmed order of track number.

4. **Adjust the sound quality with the graphic equa-lizer.**
5. **Press COMPU PGM key ④ of the CD player.**
   The [COMPU PGM] indicator is turned on.
6. **Select a disc with DISC select keys ⑪, and then select the first track number with [|◄◄, ►►|] keys ⑮.**
   If this procedure is not performed, the 1st track of disc I will be programmed.
7. **Select the tape length with track number keys ⑰.**
   When using a C-46 tape (both sides make 46 minutes), press "4" and "6".

CD programming has been completed

8. **Select PARALLEL or TAPE II by pressing A.S.E.S. mode key of the cassette deck. (CT-Z460WR, CT-Z560WR only)**

9. **Press NORM (FINE) key of the cassette deck.**

NOTE:
* *If you press COMPU PGM key ④ after having programmed in the COMPU PGM function, the programmed track numbers will be alternately displayed each time the key is pressed to show how many tracks can be recorded on the A side and B side of the tape.*
* *If you press COMPU PGM key ④ after having programmed in the COMPU PGM function, and then press [▷] key ⑫ of the CD player for programmed playback, you can also manually record onto tapes. (Computer Allocated Program Editing)*
* *Discs which have more than 21 selections may not be able to be programmed correctly.*

CONTINUOUS RECORDING USING THE AUTO-EJECT FUNCTION

* Refer to figure ⑦ on page 3.

①, ② Change discs.

By combining the use of the A.S.E.S. and the CD player's Auto-eject function, you can change discs that have already been played and continue playing more than 3 discs with the A.S.E.S. function. For example, selections from a number of 8-cm CD's can be edited and recorded on a single tape by using the disc edit feature.

1. **Load a disc in disc tray I or tray disc II of the CD player.**
2. **Insert a tape for recording in the cassette deck.**

3. **Select REV MODE switch and DOLBY NR switch of the cassette deck.**
4. **Adjust the sound quality with the graphic equa-lizer.**
5. **Press AUTO EJECT key ⑤ of the CD player.**
6. **Select Parallel mode or Tape II mode with ASES MODE key of the cassette deck. (CT-Z460WR, CT-Z560WR only)**
   When using the AUTO EJECT function, the RELAY function does not work.
7. **Press one of A.S.E.S. keys (NORM (FINE), FADE, DISCO) of the cassette deck.**
   When using the AUTO EJECT function, the Fine Editing function does not work.
8. **Take out the disc from the tray that has been au-tomatically ejected and load a new disc.**
9. **Lightly push in the tray.**

NOTE:
* *During A.S.E.S. operation, only / □ / key ⑭ of the CD player can be operated, so when the disc tray is automatically eject-ed, change discs and wait till the tray is automatically pulled in, or push it in by hand.*
  If you take out the compact disc from the disc tray, the A.S.E.S. function will end when the currently playing disc ends.
* *When using the AUTO EJECT function with A.S.E.S., peak level search is performed on the first 2 discs after which the record-ing level is set.*
* *If you program additional tracks of your liking every time you load a disc, you can continuously record only those tracks you want.*

TROUBLESHOOTING

Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Investigate the other components and electrical appliances being used. If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest PIONEER authorized service center or your dealer to carry out repair work.

Symptom	Probable cause	Remedy
Disc tray does not come out when OPEN/CLOSE key ③ is pressed.	• Power plug is disconnected from outlet. • POWER switch ① is OFF.	• Connect plug to stereo amplifier or wall outlet. • Press POWER switch ① ON.
When playback is started, it stops immediately. **Pauses or stops playback**	• Disc is loaded upside down. • Dirty disc, etc.	• Load the disc correctly with the label side UP. • **Remove the dirt from the disc and then play it again.**
No sound.	• Output cords are connected incorrectly or loosely. • Incorrect operation of stereo amplifier. • Player is in pause mode.	• Connect properly. • Check the settings of stereo amplifier switches and sound volume controls. • Press [▷] key ⑫ or [❙❙] key ⑬.
Sound is distorted, noise is output.	• Incorrect connections. • Pin plugs or amplifier input terminals are dirty. • Interference is being picked up from a TV set.	• Connect to amplifier CD or AUX terminals, etc. Do not connect to PHONO input terminals. • Clean away dirt. • Switch OFF TV set, or move player away from TV set.
With certain discs, loud noise is produced, or play stops.	• Disc is badly scratched or warped. • Disc is extremely dirty.	• Replace the disc. • Clean disc.

18

<PRE1103>

En

SPECIFICATIONS

1. General

Type .... Compact disc digital audio system
Power requirements
  European models .... AC 220V, 50/60Hz
  U.K. models .... AC 240V, 50/60Hz
Power consumption 15W
Operating temperature .... +5°C — +35°C
                                                              (+41°F — +95°F)
Weight 4.3kg (9lb, 8oz)
External dimensions .... 360(W) × 325(D) × 128(H)mm
                        14-3/16(W) × 12-25/32(D) × 5-1/32(H) in.

2. Output terminal

Optical digital output terminal

3. Functions

- Play
- Pause
- Track search
- Manual search
- Programmed playback
- Programmed repeat
- Pause program
- Computer program edit
- Single track repeat
- Sequential disc all track repeat
- Relay playback
- Random relay play
- Program relay play
- Auto eject play
- Auto eject random play
- Auto eject program play
- Random play
- Random repeat

4. Accessories

- Optical fiber cable 1
- Operating instructions 1

NOTE:
The specifications and design of this product are subject to change without notice, due to improvements.